

FIG.1

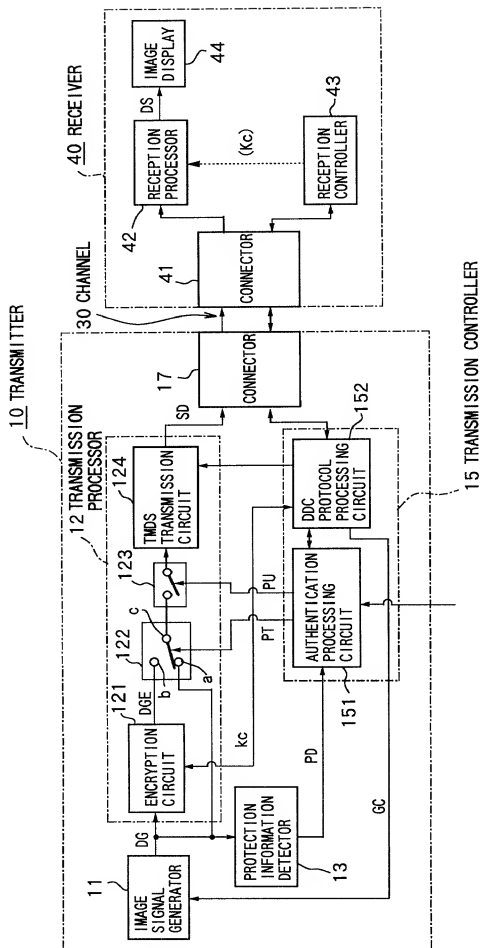


FIG.2

PIN	SIGNAL NAME	PIN	SIGNAL NAME	PIN	SIGNAL NAME
1	TMDS Data2-	9	TMDS Data1-	17	TMDS Data0-
2	TMDS Data2+	10	TMDS Data1+	18	TMDS Data0+
3	TMDS Data2/4 Shield	11	TMDS Data1/3 Shield	19	TMDS Data0/5 Shield
4	TMDS Data4-	12	TMDS Data3-	20	TMDS Data5-
5	TMDS Data4+	13	TMDS Data3+	21	TMDS Data5+
6	DDC Clock	14	+5V Power	22	TMDS Clock Shield
7	DDC Data	15	Ground	23	TMDS Clock +
8	Analog v. Sync	16	Hot Plug Detect	24	TMDS Clock -
C1	Analog Red	C2	Analog Green	C3	Analog Blue
C2	Analog H. Sync	C5	Analog Ground		

FIG.3

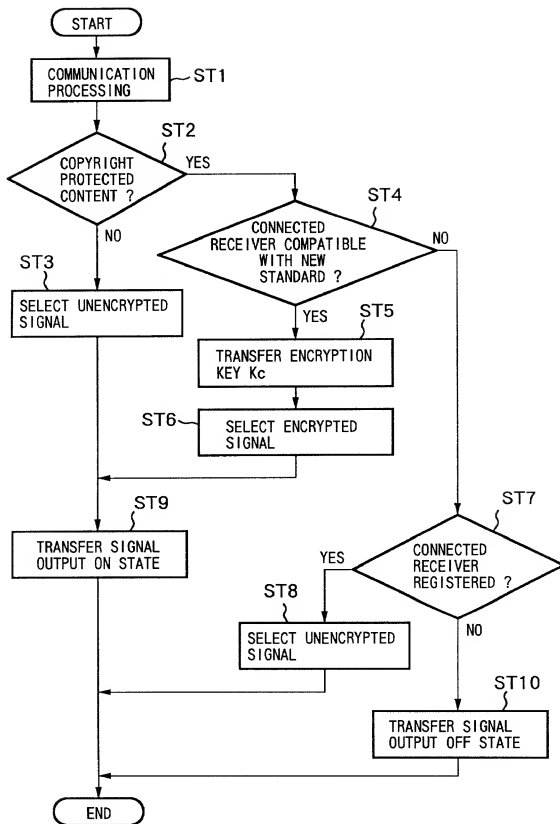


FIG. 4

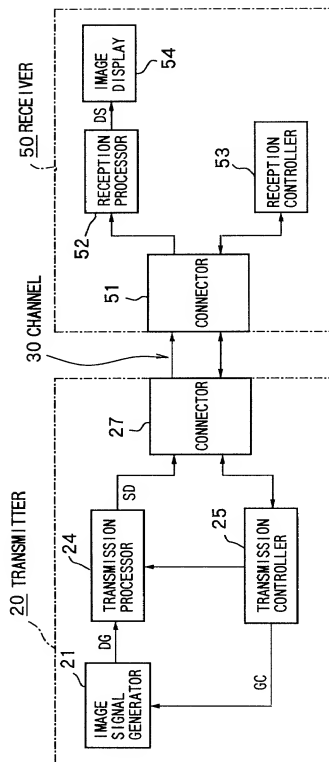


FIG.5

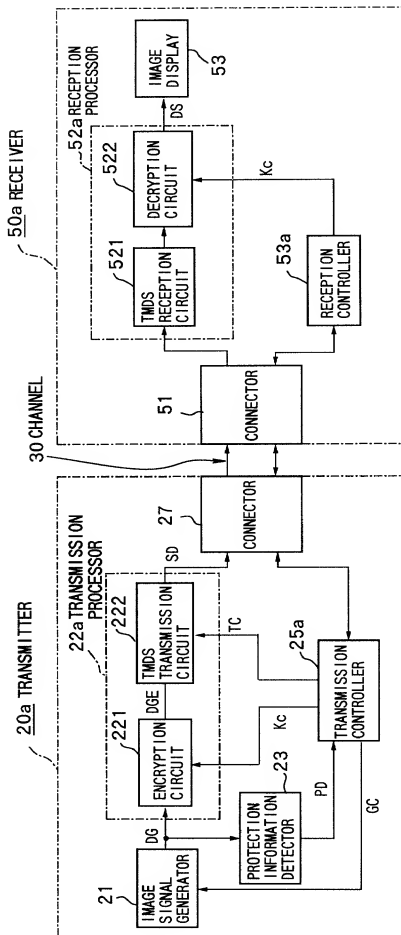


FIG.6

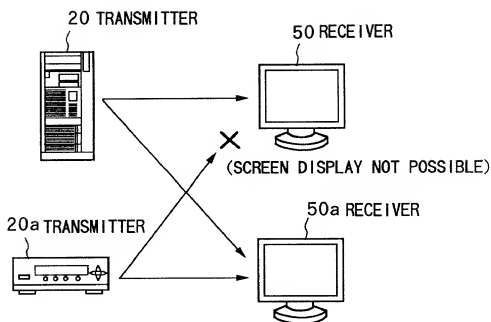
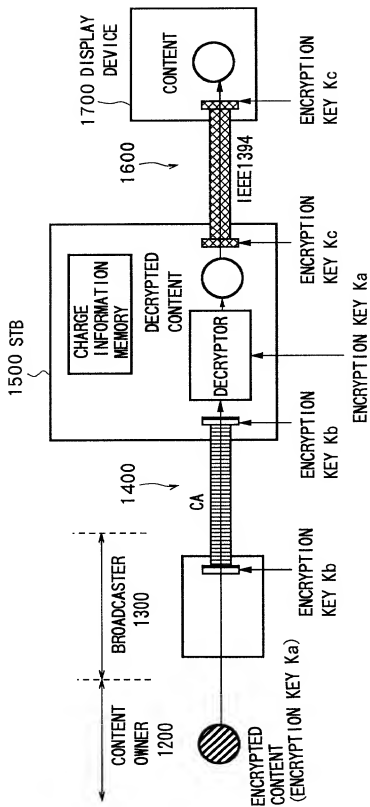


FIG.7



1100

FIG.8

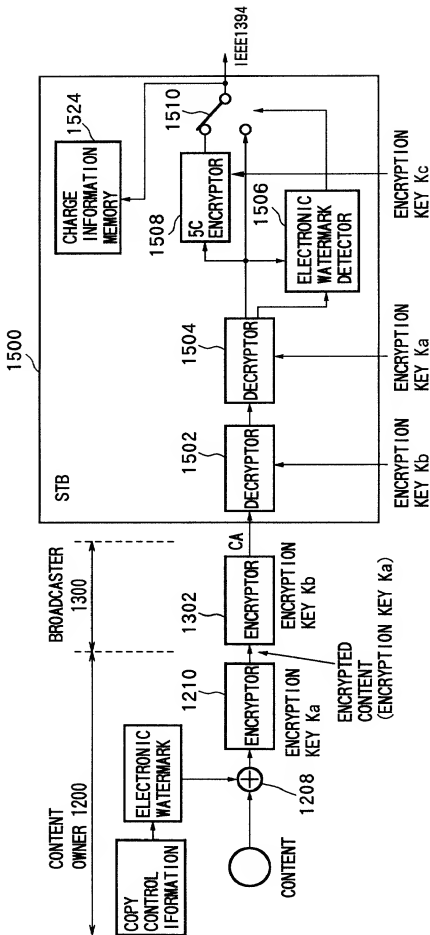


FIG.9

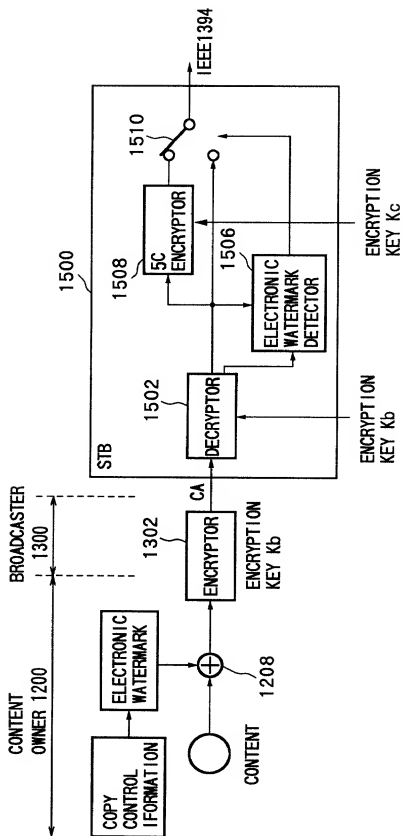


FIG.10

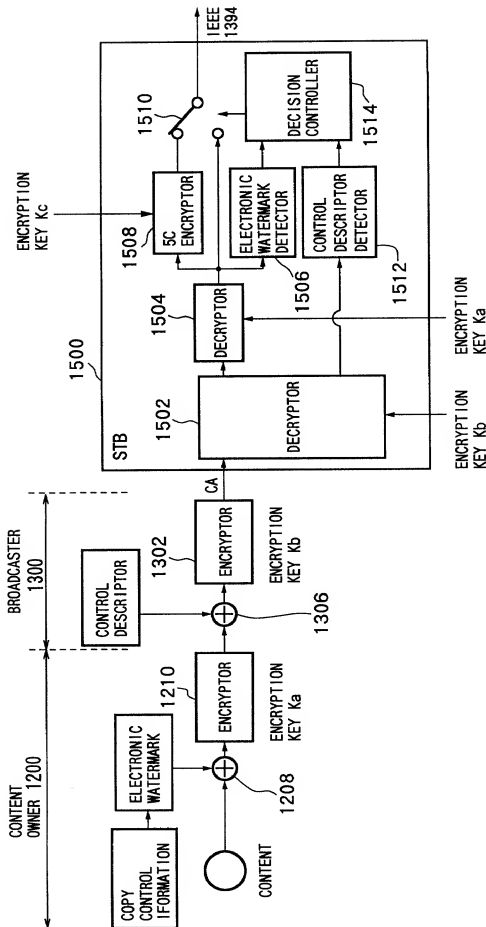


FIG.11

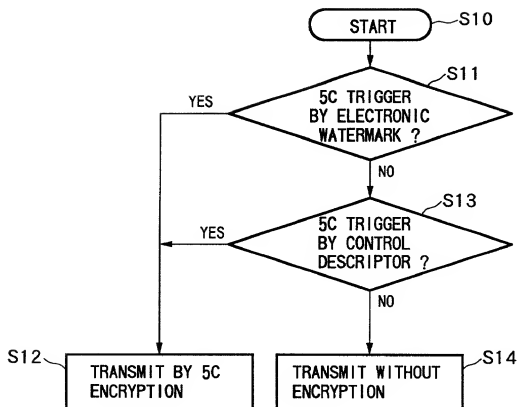


FIG.12

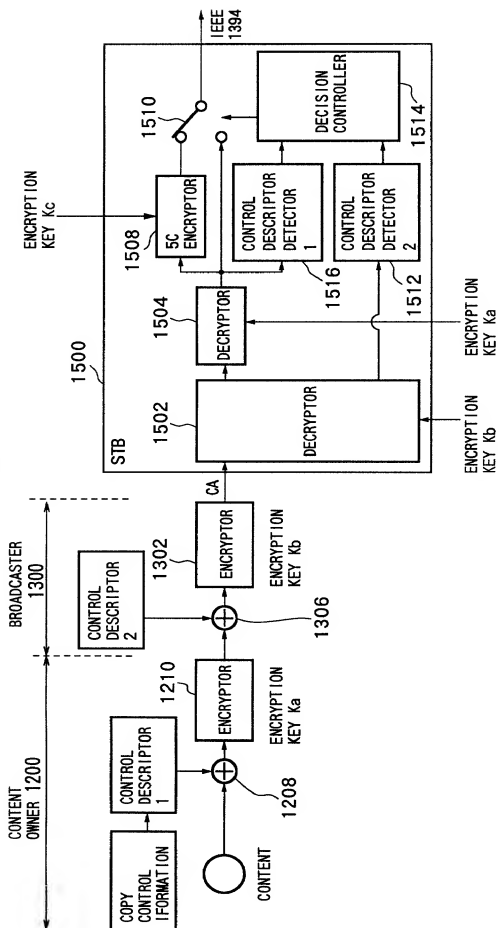


FIG.13

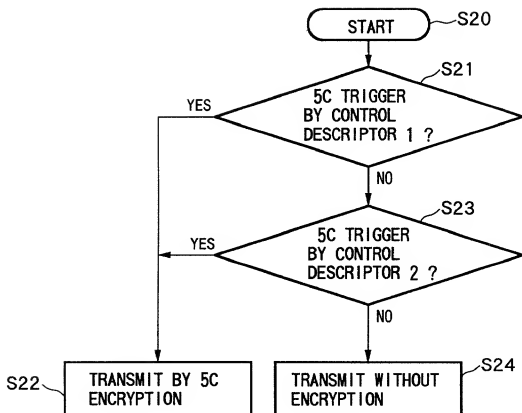
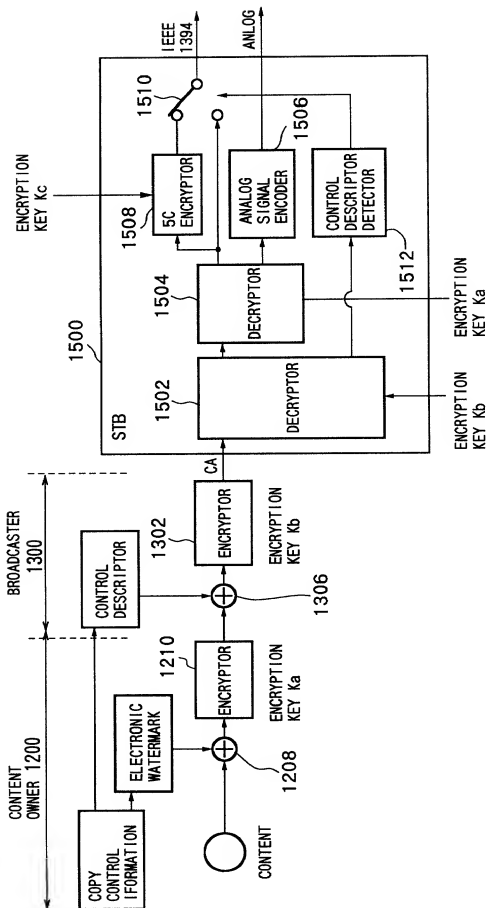


FIG.14



LIST OF REFERENCES

10, 20... transmitter
11, 21... image signal generator
12, 22... transmission processor
13, 23... protection information detector
15, 25... transmission controller
17, 27, 41, 51... connector
30... channel
40, 50... receiver
42, 52... reception processor
43, 53... reception controller
44, 54... display
121, 211... encryption circuit
122... signal selection circuit
123... output control switch
124, 222... TDMS transmission circuit
151... authentication processing circuit
152... DDC protocol processing circuit
521... TDMS reception circuit
522... decryption circuit
1100... content distribution system
1200... content owner
1208... electronic watermark superimposer
1210... decryptor
1212... control descriptor adder
1300... broadcaster
1302... encryptor
1306... control descriptor adder
1400... broadcasting network
1500... set top box
1502... decryptor
1504... decryptor
1506... electronic watermark detector
1508... 5C encryptor
1510... output switch
1512... control descriptor detector
1514... decision controller
1516... control descriptor 1 detector
1518... analog signal encoder
1520... encryptor
1522... analog output switch
1524... charging information memory
1600... display device I/F
1700... display device